



STIC Search Report

EIC 1700

STIC Database Tracking Number: 158408

TO: Hai Vo
Location: REM 6B76
Art Unit : 1771
July 6, 2005

Case Serial Number: 10/706482

From: Mrs. Kendra Banks
Location: EIC 1700
REM 4B28
Phone: 571-272-2516

Kendra.Mellerson@uspto.gov

Search Notes

No Cases Reported

US 6,316,092

Access DB# 158408

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: HAI VO Examiner #: 78509 Date: 07/06/05
Art Unit: 1771 Phone Number 30 272-1485 Serial Number: ~~09/05/258~~ 10/706,482
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Aengel - coated sheet
Inventors (please provide full names): Dierk Frank , Fritz schwertfeger
Andreas Zimmermann

Earliest Priority Filing Date: Oct 11, 1996

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Reissue US 6,316,092

~~Litigation search~~

Litigation search

SCIENTIFIC REFERENCE BR
Sci & Tech Inf - Cnt

JUL 06 RECD

Pat. & T.M. Office

No Cases

Current session 06/07/2005

(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

06/07/05 22*47*28

Last connection: 06/07/05 17*10*37

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- FAMPAT worldwide family file available. Details on website
- Derwent WPI First View file released: see DWPIFV Factsheet
..FILE / ..INFO / ..GUIDE

Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,57

The cost estimation below is based on Questel's
standard price list

	Estimated cost :	0.61 USD
Cost estimated for the last database search :		0.61 USD
Estimated total session cost	:	0.61 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
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-To retrieve set of high relevancy X coded cited patents, use xctx=yes
-To extract cited patents with only high relevancy code, use mem/xctx
Last update of file: 2005/06/29 (YYYY/MM/DD) 2005-25/UP (last update)

Search statement 1

Query/Command : US6316092/PN**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT

PN - US6316092 B1 20011113 [US6316092]
TI - (B1) Aerogel-coated sheet
PA - (B1) HOECHST RES & TECHNOLOGY DEUTS (US)
PA0 - Hoechst Research & Technology Deutschland GmbH & Company KG, Frankfurt am Main [DE]
IN - (B1) FRANK DIERK (DE); SCHWERTFEGER FRITZ (DE); ZIMMERMANN ANDREAS (DE)
AP - US5125898 19981207 [1998US-0051258]
FD - PCT/EP96/04434 19961011 [1996WO-EP04434]
 WO97/13803 19970417 [WO9713803]
PR - DE19537821 19951011 [1995DE-1037821]
 DE19606114 19960220 [1996DE-1006114]
 WOEP9604434 19961011 [1996WO-EP04434]
IC - (B1) B32B-003/00
EC - C08J-007/06
 C09D-001/00
PCL - ORIGINAL (O) : 428312600; CROSS-REFERENCE (X) : 428312200
DT - Corresponding document
CT - US5306555; US5631097; US5789075; US5830548; DE1023881; DE4106727 A1; EP0667370 A2
 Patent Abstracts of Japan. vol. 17, No. 490, Sep. 6, 1993.

 Derwent Publication, Week 9637, AN-96-367002. Jun. 9, 1996.
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - The invention concerns a coated sheet which includes an aerogel layer, a method of manufacturing the coated sheet and its use.
UP - 2001-47

1 / 1 LGST - ©EPO

PN - US6316092 B1 20011113 [US6316092]
AP - US5125898 19981207 [1998US-0051258]
ACT - 20030627 US/AS-A
 ASSIGNMENT
 OWNER: HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBHFRAN; EFFECTIVE DATE: 19980101
 ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HOECHST AKTIENGESELLSCHAFT;REEL/FRAME:013835/0668

 20031029 US/AS-A
 ASSIGNMENT
 OWNER: CABOT CORPORATION TWO SEAPORT LANE, SUITE 1300BOST; EFFECTIVE DATE: 19980723
 ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG;REEL/FRAME:014086/0584

20040120 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031112

UP - 2005-11

1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,316,092 A 20011113 [US6316092]
PA - Hoechst Research & Technology Deutschland GmbH & Co KG DE
ACT - 20030627 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: HOECHST AKTIENGESELLSCHAFT, DATE SIGNED: 01/01/1998

Assignee: HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND
GMBH, FRANKFURT AM MAIN, GERMANY

Reel 013835/Frame 0668

Contact: CABOT CORPORATION, MARTHA ANN FINNEGAN, LAW
DEPARTMENT, 157 CONCORD ROAD, BILLERICA, MA 01821

20031029 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND
GMBH & CO. KG DATE SIGNED: 07/23/1998

Assignee: CABOT CORPORATION TWO SEAPORT LANE, SUITE 1300
BOSTON MASSACHUSETTS 02210

Reel 014086/Frame 0584

Contact: CABOT CORPORATION ROBERT J. FOLLETT LAW
DEPARTMENT 157 CONCORD ROAD BILLERICA, MA 01821

20031112 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040120
REISSUE REQUEST NUMBER: 10/706482
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1773

Reissue Patent Number:

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,24

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	Estimated cost :	0.66 USD
Records displayed and billed :	1	
	Estimated cost :	1.40 USD
Cost estimated for the last database search :		2.06 USD
Estimated total session cost :		2.67 USD

LGST - Time in minutes : 0,01

The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.01 USD
Records displayed and billed :	1	
	Estimated cost :	0.65 USD
Légal-Status informations :	1	
	Estimated cost :	0.50 USD
Cost estimated for the last database search :		1.16 USD
Estimated total session cost :		3.83 USD

CRXX - Time in minutes : 0,01

The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.01 USD
Records displayed and billed :	1	
	Estimated cost :	5.70 USD
Legal-Status informations :	1	
	Estimated cost :	0.50 USD
Cost estimated for the last database search :		6.21 USD
Estimated total session cost :		10.04 USD

LITA - Time in minutes : 0,00

The cost estimation below is based on Questel's standard price list

Estimated total session cost :		10.04 USD
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Selected file: INPADOC

You are now connected to INPADOC

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For information on content, (...)INFO INPD.

Search statement 1

Query/Command : FAM US6316092/PN

1 Patent Groups

**** SS 1: Results 16**

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 16 INPADOC - ©INPADOC

PN - AT 220083 E 20020715 [ATE220083]
TI - AEROGELBESCHICHTETE FOLIE
IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
ANDREAS [DE]
PA - CABOT CORP [US]
AP - AT 96934647/96-EP 19961011 [1996EP-0934647]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
WO 9604434/96(EP)-W 19961011 [1996WO-EP04434]
IC - C08J-007/06; C09D-001/00

1 / 1 LEGALI - ©EPO

PN - AT220083 T 20020715 [ATE220083]
AP - AT96934647T 19961011 [1996AT-0934647]
ACTE - 20040115 AT/REN-T [-]
CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE
UP - 2004-06

2 / 16 INPADOC - ©INPADOC

PN - CA 2232628 AA 19970417 [CA2232628]
TI - AEROGEL-COATED FILM
FEUILLE REVETUE D'AEROGEL
LA - ENG
IN - ZIMMERMAN ANDREAS [DE]; SCHWERTFEGER FRITZ [DE]; FRANK
DIERK [DE]
PA - HOECHST RES & TECHNOLOGY DEUTS [DE]
AP - CA 2232628/96-A 19961011 [1996CA-2232628]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
WO 9604434/96(EP)-W 19961011 [1996WO-EP04434]
IC - C08J-007/06; C09D-001/00

1 / 1 LEGALI - ©EPO

PN - CA2232628 A1 19970417 [CA2232628]
AP - CA2232628 19961011 [1996CA-2232628]
ACTE - 20030403 CA/AFNE-A [+]
NATIONAL PHASE ENTRY
EFFECTIVE DATE: 19980320

20030403 CA/EEER-A [+]

EXAMINATION REQUEST
EFFECTIVE DATE: 20011011

UP - 2004-09

3 / 16 INPADOC - ©INPADOC

PN - CN 1105737 C 20030416 [CN1105737]
TI - Aerogel-coated sheet
IN - FRANK D [DE]; SCHWERTFEGER F [DE]; ZIMMERMANN A [DE]
PA - HOECHST RES & TECHNOLOGY DEUTS [DE]
AP - CN 96197560/96-A 19961011 [1996CN-0197560]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
IC - C08J-007/06; C09D-001/00

4 / 16 INPADOC - ©INPADOC

PN - CN 1199411 A 19981118 [CN1199411]
TI - AEROGEL-COATED SHEET
IN - FRANK D [DE]; SCHWERTFEGER F [DE]; ZIMMERMANN A [DE]
PA - HOECHST RES & TECH GMBH & CO [DE]
AP - CN 96197560/96-A 19961011 [1996CN-0197560]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
IC - C08J-007/06; C09D-001/00

5 / 16 INPADOC - ©INPADOC

PN - DE 59609414 C0 20020808 [DE59609414]
TI - AEROGELBESCHICHTETE FOLIE
IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
ANDREAS [DE]
PA - CABOT CORP [US]
AP - DE 59609414/96-A 19961011 [1996DE-5009414]
PR - DE 59609414/96-A 19961011 [1996DE-5009414]
DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
WO 9604434/96(EP)-W 19961011 [1996WO-EP04434]
IC - C08J-007/06; C09D-001/00

1 / 1 LEGALI - ©EPO

PN - DE59609414 D1 20020808 [DE59609414]
AP - DE59609414 19961011 [1996DE-5009414]
ACTE - 20030731 DE/8364-A [+]
NO OPPOSITION DURING TERM OF OPPOSITION

UP - 2003-31

6/16 INPADOC - ©INPADOC

PN - DE 19537821 A1 19970417 [DE19537821]
TI - AEROGELBESCHICHTETE FOLIE
IN - FRANK DIERK DR [DE]; SCHWERTFEGER FRITZ DR [DE];
ZIMMERMANN ANDREAS DR [DE]
PA - HOECHST AG [DE]
AP - DE 19537821/95-A 19951011 [1995DE-1037821]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
IC - C08J-007/04; C08J-005/12; B32B-027/14; B05D-007/04; F16L-059/00; B32B-005/16; B32B-015/16; G10K-011/162

1/1 LEGALI - ©EPO

PN - DE19537821 A1 19970417 [DE19537821]
AP - DE19537821 19951011 [1995DE-1037821]
ACTE - 19970703 DE/8130-A [-]
WITHDRAWAL
UP - 2003-22

7/16 INPADOC - ©INPADOC

PN - DE 19606114 A1 19970821 [DE19606114]
TI - AEROGELBESCHICHTETE FOLIE
IN - FRANK DIERK DR [DE]; SCHWERTFEGER FRITZ DR [DE];
ZIMMERMANN ANDREAS DR [DE]
PA - HOECHST AG [DE]
AP - DE 19606114/96-A 19960220 [1996DE-1006114]
PR - DE 19606114/96-A 19960220 [1996DE-1006114]
IC - C08J-007/04; C08J-005/04; C08J-005/10; C08J-009/28; C08K-003/20; C08K-003/34; C08K-003/36; F16L-059/00; E04B-001/76; C08L-001/12; C08L-023/06; C08L-023/16; C08L-023/20; C08L-025/06; C08L-027/06; C08L-027/08; C08L-027/12; C08L-027/18; C08L-031/04; C08L-033/12; C08L-033/20; C08L-069/00; C08L-071/02; C08L-067/00; C08L-077/02; C08L-077/10; C08 -000/00

1/1 LEGALI - ©EPO

PN - DE19606114 A1 19970821 [DE19606114]
AP - DE19606114 19960220 [1996DE-1006114]
ACTE - 19971120 DE/8130-A [-]
WITHDRAWAL
UP - 2003-22

8/16 INPADOC - ©INPADOC

PN - EP 854892 B1 20020703 [EP-854892]
TI - AEROGEL-COATED SHEET
LA - GER
IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
ANDREAS [DE]
PA - CABOT CORP [US]
AP - EP 96934647/96-A 19961011 [1996EP-0934647]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
WO 9604434/96(EP)-W 19961011 [1996WO-EP04434]
IC - C08J-007/06; C09D-001/00
DS - AT* BE* CH* DE* DK* ES* FR* GB* IT* LI* NL* SE*

1/1 LEGALI - ©EPO

PN - EP0854892 A1 19980729 [EP-854892]EP0854892 B1 20020703 [EP-854892]
AP - EP96934647 19961011 [1996EP-0934647]
ACTE -
19980729 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
AT BE CH DE DK ES FR GB IT LI NL SE

19980729 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
EFFECTIVE DATE: 19980415

19990428 EP/RAP1-A
APPLICANT REASSIGNMENT (CORRECTION)
OWNER: CABOT CORPORATION

19991222 EP/17Q-A [+]
FIRST EXAMINATION REPORT
EFFECTIVE DATE: 19991108

20010502 EP/RAP1-A
APPLICANT REASSIGNMENT (CORRECTION)
OWNER: CABOT CORPORATION

20020703 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
AT BE CH DE DK ES FR GB IT LI NL SE

20020703 EP/REF-A
CORRESPONDS TO:
(AT 220083T 20020715 [ATE220083])

20020715 EP/REG-A; CH/EP [+]
CH: ENTRY IN THE NATIONAL PHASE

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20020808 EP/REF-A
CORRESPONDS TO:
(DE 59609414 20020808 [DE59609414])

20020828 EP/GBT-A [+]
GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977)
EFFECTIVE DATE: 20020807

20020930 EP/REG-A; CH/NV
CH: NEW AGENT
<CH>
REPRESENTATIVE: R. A. EGLI & CO. PATENTANWAELTE

20021216 EP/REG-A; ES/FG2A
ES: DEFINITIVE PROTECTION
(ES 2177810T3 [ES2177810])

20021220 EP/ET-A [+]
FR: TRANSLATION FILED

20030430 EP/BERE-A [-]
BE: LAPSED
OWNER: *CABOT CORP.; EFFECTIVE DATE: 20021031

20030625 EP/26N-A [+]
NO OPPOSITION FILED
EFFECTIVE DATE: 20030404

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EFFECTIVE DATE: 20021003

20040303 EP/25-A [-]
LAPSED IN A CONTRACTING STATE
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EFFECTIVE DATE: 20021031

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EFFECTIVE DATE: 20021003

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 EFFECTIVE DATE: 20021003

20050531 EP/EUG-A [-]
 SE: EUROPEAN PATENT HAS LAPSED

20050615 EP/REG-A; CH/PL [-]
 CH: PATENT CEASED
 <CH>

UP - 2005-24

9/16 INPADOC - ©INPADOC

PN - EP 854892 A1 19980729 [EP-854892]
 TI - AEROGEL-COATED SHEET
 LA - GER
 IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
 ANDREAS [DE]
 PA - HOECHST RES & TECH GMBH & CO [DE]
 AP - EP 96934647/96-A 19961011 [1996EP-0934647]
 PR - DE 19537821/95-A 19951011 [1995DE-1037821]
 DE 19606114/96-A 19960220 [1996DE-1006114]
 WO 9604434/96(E)-W 19961011 [1996WO-EP04434]
 IC - C08J-007/06; C09D-001/00
 DS - AT* BE* CH* DE* DK* ES* FR* GB* IT* LI* NL* SE*

1/1 LEGALI - ©EPO

PN - EP0854892 A1 19980729 [EP-854892]EP0854892 B1 20020703 [EP-854892]
 AP - EP96934647 19961011 [1996EP-0934647]
 ACTE - 19980729 EP/AK-A [+]
 DESIGNATED CONTRACTING STATES:
 AT BE CH DE DK ES FR GB IT LI NL SE

19980729 EP/17P-A [+]
 REQUEST FOR EXAMINATION FILED
 EFFECTIVE DATE: 19980415

19990428 EP/RAP1-A
 APPLICANT REASSIGNMENT (CORRECTION)
 OWNER: CABOT CORPORATION

19991222 EP/17Q-A [+]
FIRST EXAMINATION REPORT
EFFECTIVE DATE: 19991108

20010502 EP/RAP1-A
APPLICANT REASSIGNMENT (CORRECTION)
OWNER: CABOT CORPORATION

20020703 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
AT BE CH DE DK ES FR GB IT LI NL SE

20020703 EP/REF-A
CORRESPONDS TO:
(AT 220083T 20020715 [ATE220083])

20020715 EP/REG-A; CH/EP [+]
CH: ENTRY IN THE NATIONAL PHASE
<CH>

20020808 EP/REF-A
CORRESPONDS TO:
(DE 59609414 20020808 [DE59609414])

20020828 EP/GBT-A [+]
GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977)
EFFECTIVE DATE: 20020807

20020930 EP/REG-A; CH/NV
CH: NEW AGENT
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REPRESENTATIVE: R. A. EGLI & CO. PATENTANWAELTE

20021216 EP/REG-A; ES/FG2A
ES: DEFINITIVE PROTECTION
(ES 2177810T3 [ES2177810])

20021220 EP/ET-A [+]
FR: TRANSLATION FILED

20030430 EP/BERE-A [-]
BE: LAPSED
OWNER: *CABOT CORP.; EFFECTIVE DATE: 20021031

20030625 EP/26N-A [+]
NO OPPOSITION FILED
EFFECTIVE DATE: 20030404

20031112 EP/25-A [-]
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EFFECTIVE DATE: 20021003

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EFFECTIVE DATE: 20021031

20040303 EP/25-A [-]
LAPSED IN A CONTRACTING STATE
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EFFECTIVE DATE: 20021003

20040331 EP/25-A [-]
LAPSED IN A CONTRACTING STATE
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EFFECTIVE DATE: 20021011

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LAPSED IN A CONTRACTING STATE
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EFFECTIVE DATE: 20021031

20040331 EP/25-A [-]
LAPSED IN A CONTRACTING STATE
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EFFECTIVE DATE: 20021003

20050531 EP/EUG-A [-]
SE: EUROPEAN PATENT HAS LAPSED

20050615 EP/REG-A; CH/PL [-]
CH: PATENT CEASED
<CH>

UP - 2005-24

10/16 INPADOC - ©INPADOC

PN - ES 2177810 T3 20021216 [ES2177810]
TI - LAMINA RECUBIERTA DE AEROGEL.
IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
ANDREAS [DE]
PA - CABOT CORP
AP - ES 96934647/96-EP 19961011 [1996EP-0934647]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
IC - C08J-007/06; C09D-001/00

11/16 INPADOC - ©INPADOC

PN - JP 11513431 T2 19991116 [JP11513431]
AP - JP 514720/96-A 19961011 [1996JP-0514720]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
WO 9604434/96(EP)-W 19961011 [1996WO-EP04434]
IC - C08J-007/06; B32B-027/06; C09D-001/00

12 / 16 INPADOC - ©INPADOC

PN - NO 315241 B1 20030804 [NO-315241]
TI - AEROGELBELAGT FOLIE, FREMGANGSMAATER FOR FREMSTILLING
DERAV SAMT ANVENDELSEAV FOLIEN
IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
ANDREAS [DE]
PA - CABOT CORP [US]
AP - NO 981452/98-A 19980331 [1998NO-0001452]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
WO 9604434/96(EP)-W 19961011 [1996WO-EP04434]
IC - C08J-007/06; C09D-001/00

13 / 16 INPADOC - ©INPADOC

PN - NO 981452 A 19980331 [NO9801452]
TI - AEROGELBELAGT FOLIE
IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
ANDREAS [DE]
PA - HOECHST RESEARCH & TECHNOLOGY [DE]
AP - NO 981452/98-A 19980331 [1998NO-0001452]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
WO 9604434/96(EP)-W 19961011 [1996WO-EP04434]
IC - C08J-000/00; C09D-000/00

14 / 16 INPADOC - ©INPADOC

PN - NO 981452 A0 19980331 [NO9801452]
TI - AEROGELBELAGT FOLIE
IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
ANDREAS [DE]
PA - HOECHST RESEARCH & TECHNOLOGY [DE]
AP - NO 981452/98-A 19980331 [1998NO-0001452]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
WO 9604434/96(EP)-W 19961011 [1996WO-EP04434]
IC - C08J-000/00; C09D-000/00

15 / 16 INPADOC - ©INPADOC

PN - US 6316092 BA 20011113 [US6316092]
TI - AEROGEL-COATED SHEET
IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
ANDREAS [DE]
PA - HOECHST RES & TECHNOLOGY DEUTS [US]
AP - US 51258/98-A 19981207 [1998US-0051258]
PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
WO 9604434/96(EP)-W 19961011 [1996WO-EP04434]
IC - B32B-003/00

1 / 1 LEGALI - ©EPO

PN - US6316092 B1 20011113 [US6316092]
AP - US5125898 19981207 [1998US-0051258]
ACTE - 20030627 US/AS-A
ASSIGNMENT
OWNER: HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND
GMBHFRAN; EFFECTIVE DATE: 19980101
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HOECHST
AKTIENGESELLSCHAFT;REEL/FRAME:013835/0668

20031029 US/AS-A
ASSIGNMENT
OWNER: CABOT CORPORATION TWO SEAPORT LANE, SUITE
1300BOST; EFFECTIVE DATE: 19980723
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:HOECHST
RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO.
KG;REEL/FRAME:014086/0584

20040120 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031112
UP - 2005-11

16 / 16 INPADOC - ©INPADOC

PN - WO 9713803 A1 19970417 [WO9713803]
TI - AEROGEL-COATED SHEET
LA - GER
IN - FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE]; ZIMMERMANN
ANDREAS [DE]
PA - HOECHST AG [DE]; FRANK DIERK [DE]; SCHWERTFEGER FRITZ [DE];
ZIMMERMANN ANDREAS [DE]
AP - WO 9604434/96(EP)-A 19961011 [1996WO-EP04434]

PR - DE 19537821/95-A 19951011 [1995DE-1037821]
DE 19606114/96-A 19960220 [1996DE-1006114]
IC - C08J-007/06; C09D-001/00
DS - CA* CN* JP* KR* MX* NO* US* AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE

1 / 1 LEGALI - ©EPO

PN - WO9713803 A1 19970417 [WO9713803]
AP - WOEP9604434 19961011 [1996WO-EP04434]
ACTE - 19970417 WO/AK [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH
SEARCH REPORT
CA CN JP KR MX NO US

19970417 WO/AL [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

19970529 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO
EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

19970806 WO/121
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS
DESIGNATED IN THIS APPLICATION

19980320 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
CA 2232628A [1996CA-2232628]

19980413 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
JP 1997 514720A [1997JP-0514720]

UP - 2003-22

Search statement 2

PATNO IS 6316092

DATE: JULY 6, 2005
LIBRARY: PATENT
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Your search request is:
PATNO IS 6316092

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LEVEL 1 - 1 PATENT

1. 6316092 , November 13, 2001 , Aerogel-coated sheet, Frank, Dierk - Hofheim, Germany (DE); Schwertfeger, Fritz - Griesheim, Germany (DE); Zimmermann, Andreas - Griesheim, Germany (DE), 051258 (09), Hoechst Research & Technology Deutschland GmbH & Co. KG, Frankfurt am Main, Germany (DE), 03, June 27, 2003 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH FRANKFURT AM MAIN GERMANY, Reel and Frame Number: 13835/0668 October 29, 2003 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CABOT CORPORATION TWO SEAPORT LANE, SUITE 1300 BOSTON MASSACHUSETTS 02210, Reel and Frame Number: 14086/0584

CORE TERMS: film, gel, aerogel, fibre, layer, solvent, drying, coated, sol, thermal conductivity ...

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6316092

November 13, 2001

Aerogel-coated sheet

REISSUE: November 12, 2003 - Reissue Application filed Ex. Gp.: 1773; Re. S.N. 10/706,482 (O.G. January 20, 2004)

APPL-NO: 051258 (09)

FILED-DATE: December 7, 1998

GRANTED-DATE: November 13, 2001

CORE TERMS: film, gel, aerogel, fibre, layer, solvent, drying, coated, sol, thermal conductivity ...

6316092 OR 6,316,092

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